

## Mission Science 04/18/13

Submitted by wpetersen on Thu, 04/18/2013 - 10:58

Date:

Thursday, April 18, 2013 - 10:45

Discussion:

1. Major precip event on Wednesday with 4+ inches in southeast Iowa. Flooding all over the place. IFIS Web site has a very nice depiction of the situation. Forecast is for patchy drizzle/stratiform thru today then drying Friday - Sunday (but cold).
2. NPOL site prep completed Tuesday evening. Will move containers onto site tomorrow (Friday), then, as weather permits and crane time can be reserved, start set up. D3R slated to arrive in Iowa April 22, and set up start on April 24 (weather permitting).
3. Disdrometers, gauges and MRRs collecting data along the error characterization ray but only limited communications to/from instruments; port issues are preventing access and not clear how this will be worked at present. APU 01 to be located at SN25 site, APU 09 to be moved slightly to accommodate farmer. Turkey River and South Fork basin gauge and soil Q/T installs to finish this week likely in next couple of days.
4. Nu-WRF seems to be doing a pretty decent job of forecasting for this campaign.
5. NMQ orbit-coincident data set will be online soon. .01 degree gridded rain rates with RQI for satellite overpasses.
6. CIRA Satellite data and overpass web site is ready for business. Accessible via portal under External Data Sources tab.

WAP

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